

**Amended Subject Mapping between MSc in IT/CS/AC and MIT/MCS**  
**(Effect from 26<sup>th</sup> August 2008)**

**(1) MSC in Information Technology**

Semester I

Old Subject	New Subject
Fundamentals of Information Technology	MIT1030
Program Design and Programming	MIT1010 Part A
Database Systems	MIT2010
Object Oriented Analysis and Design	MIT1040
Computer Systems	MIT1020
Software Engineering	MIT2020
Fundamentals of Networking	MIT3030
Rapid Application Development	MIT2040

**(2) MSC in Computer Science**

Semester I

Old Subject	New Subject
Network Systems	MIT3030
Program Design and Programming	MIT1010 Part A
Database Systems	MIT2010
Object Oriented Analysis and Design	MIT1040
Computer Systems	MIT1020
Software Engineering	MIT2020
Data Structures and Algorithms*	MIT1010 Part B
Operating Systems*	MCS 3100

### (3) MSC In Advanced Computing

#### Semester I

Old Subject	New Subject
Mathematical Structures in Computer Science*	MCS4050
Cryptographic Systems	MCS2020
Computational Intelligence & Evolutionary Computing	MCS3040
Advanced Concepts in Networking	MCS1040
Advanced Software Engineering	MCS1020
Advanced Algorithms	MCS1010
Theory of Programming Languages	MCS2010

### (4) MSC In Information Technology

#### Semester II

Old Subject	New Subject
IT in Sri Lanka & Professional Issues (ITSLPI)	MIT3010 Part B
Project Management (PM)	MIT3010 Part A
Data Communication and Computer Networks (DCCN)	MIT3030
Computer Network Administration (CNA)	MIT4020
Planning and Designing of Computer Networks (PDCN)	MIT3040
Advances in Computer Networks (ACN)	MCS1040
Multimedia Technologies (MT)	MIT3050
Digital Video Production (DVP)	MIT4030
Multimedia Web Development (MWD)	MIT4040
Graphics and Image Processing (GIP)	MIT3060
Management and Organization Behaviour (MOB)	MIT3070
e-Commerce and Financial Informatics (ECFI)	MIT4050
Management Information Systems (MIS)	MIT3080
Statistics and Operation Research (SOR)	MIT4060
Internet Programming (IP)	MIT2030
Advanced Database Systems (ADS)	MCS1030
Multimedia and Hypermedia Technology(MHT)*	MIT3050
Selected Topics in AI (STAI)*	MCS3060

## (5) MSC in Computer Science

### Semester II

Old Subject	New Subject
IT in Sri Lanka & Professional Issues (ITSLPI)	MIT3010 Part B
Project Management(PM)	MIT3010 Part A
Advanced Database Systems (ADS)	MCS1030
Computer Graphics and Vision (CGV)	MIT3060
Multimedia and Hypermedia Technology(MHT)*	MIT3050
Internet Programming (IP)	MIT2030
Intelligent Systems (IS)	MCS2040
Computational Pattern Recognition (CPR)	MCS3060
Systems Programming (SP)*	MCS3100
e-Commerce Technologies (ECT)	MIT4050
Human Computer Interaction (HCI)	MCS3090
Distributed Systems (DS)	MCS3050
Mobile Computing (MC)	MCS4060

## (6) MSC In Advanced Computing

### Semester II

Old Subject	New Subject
Advanced Database Systems (ADS)	MCS1030
Advanced Computer Graphics and Vision (ACGV)	MCS3030
Natural Language Processing (NLP)	MCS4010
Computational Pattern Recognition (CPR)	MCS3060
Human-Computer Interaction (HCI)	MCS3090
Distributed and Parallel Computing (DPC)	MCS3050
Automata Theory and Computability (ATC)	MCS4050
Formal Methods and Software Verification (FMSV)	MCS4080